IN THE CLAIMS

1. (Currently Amended) A process for preparing 6-alkoxy-(6H)-dibenzo [c,e][1,2] oxaphosphorins, characterized in that wherein 6H-dibenzo [c,e][1,2] oxaphosphorin 6-oxides of the formula I

where R3, R4 = alkyl, alkoxy, alkylthio, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl groups are used as the reactant.

- 2. The process as claimed in claim 1, characterized in that wherein the preparation is effected in the following steps:
 - providing at least one solvent,
 - 2) adding the reactant
 - 3) adding an ortho ester and
 - 4) adding alcohol if it has not already been used under stage 1).

- 3. The process as claimed in one of claims 1 and 2, characterized in that claim 1, wherein the solvent used is an alcohol or alcohol-containing mixture.
- 4. The process as claimed in claim 3, characterized in that wherein alcohols of the formula R_2 0H are used where R_2 is alkyl.
- 5. The process as claimed in one or more of claims 1 to 4,

 characterized in that claim 1, wherein the reaction is carried out in the presence of a compound capable of ester formation with 6H-dibenzo [c,e][1,2] oxaphosphorin 6-oxides.
- 6. The process as claimed in one of claims 1 to 5, characterized in that claim 1, wherein the reaction is carried out in the presence of a trialkyl orthoformate.
- 7. The process as claimed in claim 6, characterized in that wherein the reaction is .carried out in the presence of trimethyl or triethyl orthoformate.
- 8. The process as claimed in one of claims 1 to 7, characterized in that claim 1, wherein it is carried out in the presence of catalysts.

- 9. The process as claimed in claim 8, characterized in that wherein the catalysts used are Lewis acids or Brønsted acids.
- 10. The process as claimed in claim 9, characterized in that wherein the acids used are proton donors.
- 11. The process as claimed in claim 10, characterized in that wherein the acids used are hydrogen halides.
- 12. The process as claimed in claim 1-11, characterized in that claim 1, wherein the excess alcohol is removed and the catalyst is simultaneously recycled.